

# Weekly Metrics for July 21 – 27, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	92	
		L1 Prod	GSFC	400	1X Baseline	146	A
		Archive	GSFC	498	1X Baseline	238	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	7	B
		L1 Ingest	NSIDC	10	1X Baseline	0	C
		L2 Prod	NSIDC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	7	C
	MODIS	L0 Ingest	GSFC	469	1X Baseline	526	
		L1 Prod	GSFC	2,498	1X Baseline	3,362	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	2,170	
		Archive	EDC	540	Baseline	1,629	
			GSFC	3,172	Baseline	4,318	
			NSIDC	56	Baseline	111	
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	608	
		SIPS Production				573	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.6	
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	746	D
		L1B Ingest	EDC	271	1X Baseline	0.3	D
		L2-L3 Prod	EDC	1,203	3X Baseline	122	D
		Archive	EDC	2,154	Baseline	868	D
		Distribution	EDC				
		End Users		1,352	1X Baseline	4,270	L, M, N, O
	CERES	Archive	LaRC	331	Baseline	196	
		Distribution	LaRC				
		Testing/QA		1,421	IT Requirements	56	
		End Users		117	1X Baseline	35	L, M, N
	MISR	L0 Ingest	LaRC	249	1X Baseline	252	
		L1 Prod	LaRC	3,323	3X Baseline	1,963	E
		L2-L3 Prod	LaRC	281	3X Baseline	68	E
		Archive	LaRC	3,853	Baseline	2,296	E
		Distribution	LaRC				
		End Users		1,201	1X Baseline	136	F, L, M, N
	MODIS	L0 Ingest	GSFC	469	1X Baseline	493	
		L1 Prod	GSFC	7,494	3X Baseline	2,670	G
		L2-L4 Prod	MODAPS	14,254	3X Baseline	11,036	G
		Archive	EDC	8,606	Baseline (L2-L4)	2,565	G, H
			GSFC	12,772	Baseline (L0-L4)	11,548	G, H
			JPL	0	Baseline (L2-3)	82	
			NSIDC	839	Baseline (L2-L3)	87	G, H
		Distribution	EDC				
		End Users		2,869	1X Baseline	632	F, L, M, N
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	503	
		SIPS Production				9,845	
		End users		4,101	1X Baseline	1,603	F, M, N
		Distribution	JPL				
		End Users		0	Baseline	2	
		Distribution	NSIDC				
		End Users		280	1X Baseline	41	F, L, M, N
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	2	
		L1 Prod	SIPS	1.7	3X Baseline	0	I
		L2 Prod	SIPS	1.7	3X Baseline	0	I

		Archive Distribution <i>End Users</i>	LaRC LaRC	5.3 1	Baseline 1X Baseline	3 4	I L, M, N
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	889 53	
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 9	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	43 127	J
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 17	J
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	127 7	K

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Only L0 and a limited number of L1A products have been produced, as planned at this timeframe in the mission.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. According to plans, no AMSR-E L1 or L2 product was ingested and archived during this reporting period.
- D. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- E. Little reprocessing was done this period.
- F. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- G. Little reprocessing was done except for ocean products, as planned by MODIS science team.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- I. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- K. Includes distribution of educational materials in addition to AVHRR SST.
- L. Does not include distribution by subscription
- M. Does not include distribution by subsetting tool
- N. Does not include distribution by data pool
- O. Currently there is about 44 TB backlog against hard media distribution and it is increasing slowly.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).